TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME

INVENTORS NAME: Steven A. Poling et al.

DOCKET NO.: 900.186US1

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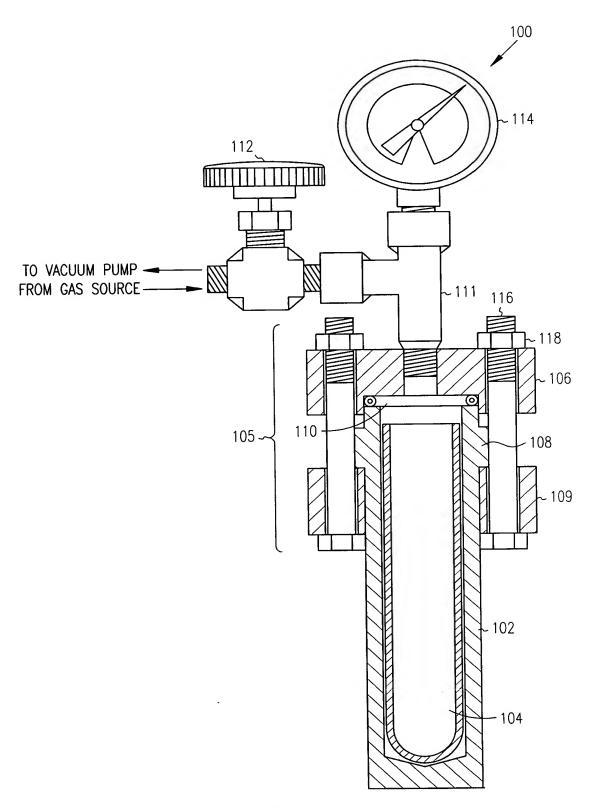


FIG. 1

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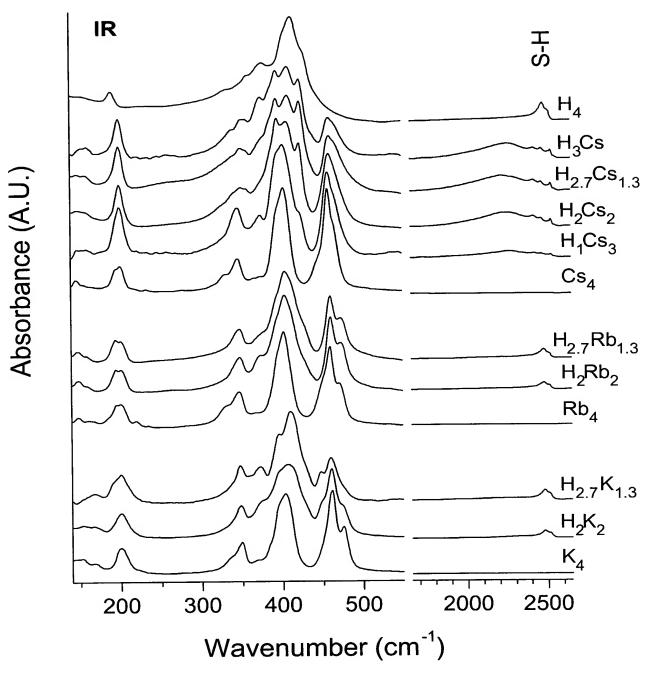
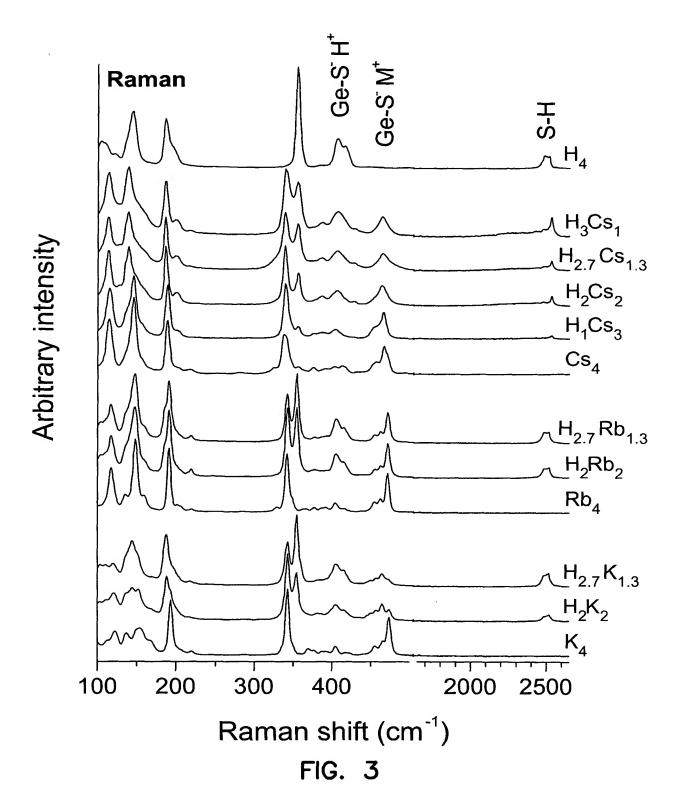


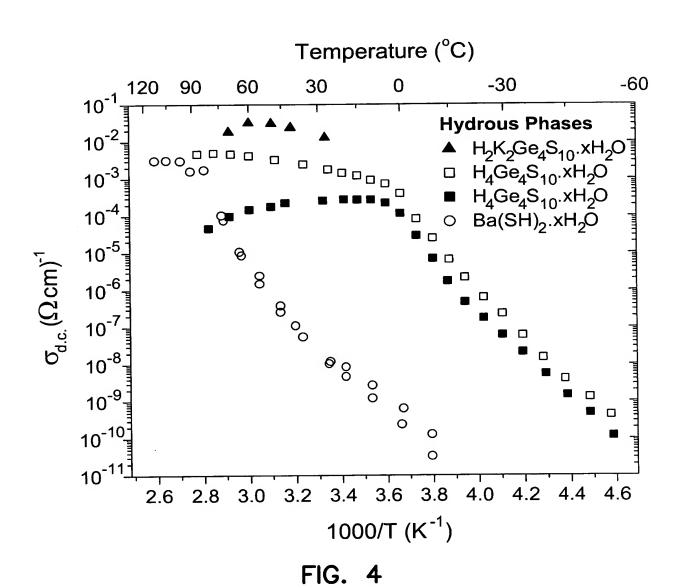
FIG. 2

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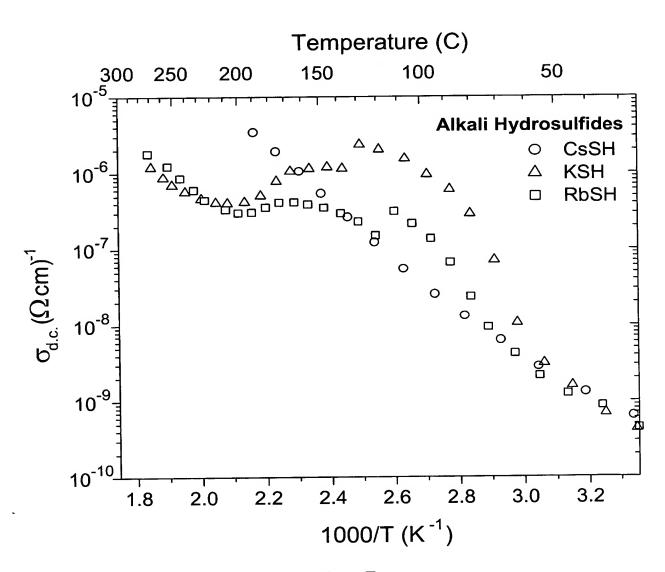


FIG. 5

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INVENTORS NAME: Steven A. Poling et al.
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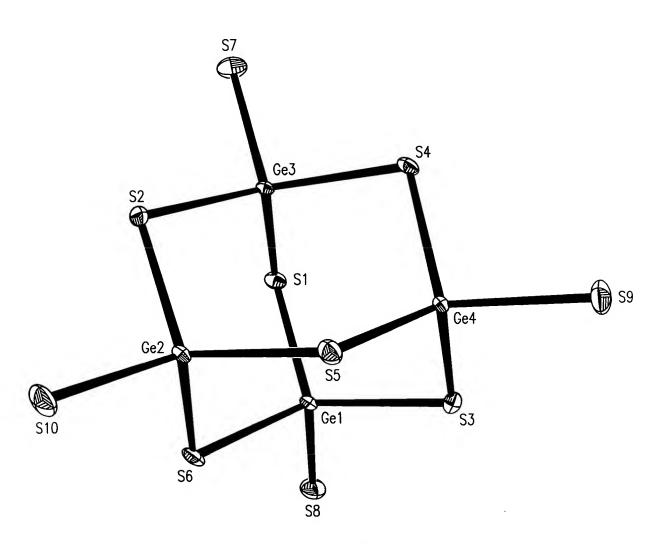


FIG. 6

TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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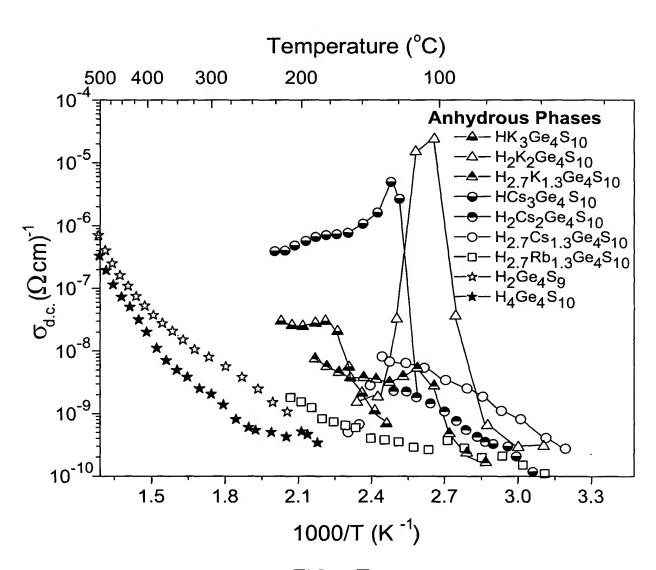


FIG. 7

TITLE: NEW GLASS-CERAMIC COMPOUNDS FOR PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME INVENTORS NAME: Steven A. Poling et al. DOCKET NO.: 900.186US1

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Temperature (°C) 100 50 150 250 200 10⁰ Thiomolybdic Acid 10 ⁻¹ 2.0 2.2 3.2 3.0 2.4 3.4 2.6 2.8 $1000/T (K^{-1})$ FIG. 8

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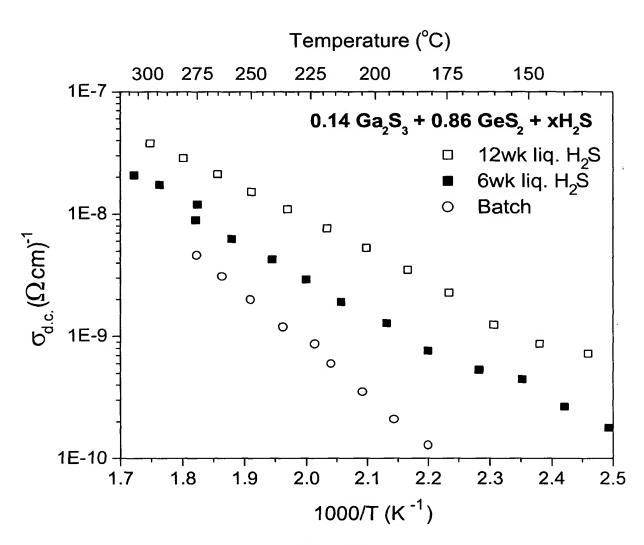


FIG. 9

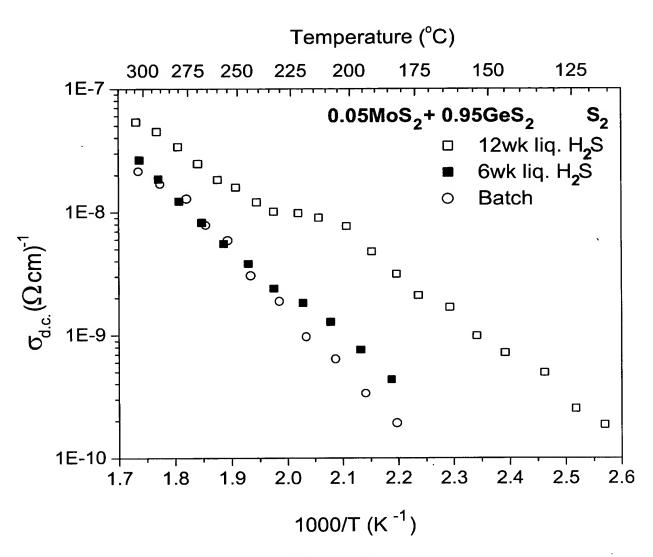


FIG. 10